

01 PE JC13

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PTO/SB/17 (12-04)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 10/28/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

### Complete if Known

Application Number 10/721,719  
Filing Date November 25, 2003  
First Named Inventor Dingjun Wu, et al.  
Examiner Name Kenneth Rinehart  
Art Unit 3749  
Attorney Docket No. 06469 USA

### METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):

☒ Deposit Account Deposit Account Number: 01-0493 Deposit Account Name: Air Products and Chemicals, Inc.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

#### 2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims Extra Claims Fee (\$) Fee Paid (\$)

- 20 or HP = x 50 = 0

HP = highest number of total claims paid for, if greater than 20

Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)

- 3 or HP = x 200 = 0

HP = highest number of independent claims paid for, if greater than 3

Multiple Dependent Claims Fee (\$) Fee Paid (\$)

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)

- 100 = / 50 = (round up to a whole number) x 250 = 0

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other: Submission of an Information Disclosure Statement

Fees Paid (\$)

180

#### SUBMITTED BY

Signature Rosaleen P. Morris-Oskanian Registration No. (Attorney/Agent) 47,321 Telephone 610-481-8169  
Name (Print/Type) Rosaleen P. Morris-Oskanian Date 8-4-2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/721,719 : Confirmation No.: 5752  
Applicant : Dingjun Wu, et al.  
Filed : November 25, 2003  
For : Method for Cleaning Deposition Chambers for High Dielectric Constant Materials

Art Unit : 3749  
Examiner : Kenneth Rinehart

Docket No. : 06469 USA  
Customer No. : 23543

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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ON <u>August 4 2005</u>	Date
Rosaleen P. Morris-Oskanian (Type or print name of person mailing paper)	
<u>Rosaleen P. Morris-Oskanian</u> Signature of person mailing paper	

Sir:

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. 1.97(d)**

The Information Disclosure Statement transmitted herewith is being filed *after* the period specified in paragraph 1.97(c), but on or before payment of the issue fee.

In accordance with the requirements of 37 C.F.R. 1.97(d), accompanying this transmittal is a statement, as specified in 37 C.F.R. 1.97(e) and the fee set forth in § 1.17(p).

Respectfully submitted,

Rosaleen P. Morris-Oskanian  
Rosaleen P. Morris-Oskanian  
Attorney for Applicant(s)  
Registration No. 47,321

7201 Hamilton Boulevard  
Allentown, PA 18195-1501  
(610) 481-8169



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Applicant : Dingjun Wu, et al.  
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	<u>Rosaleen P. Morris-Oskanian</u>
	Signature of person mailing paper

Sir:

**STATEMENT FOR INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. 1.97(e)**

This statement is being made for the Information Disclosure statement

☒ accompanying this statement.

or

☐ filed on .

I, the person(s) signing below, state:

☒ that each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement. 37 CFR 1.97(e)(1).

or

☐ that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56(c) more than three months prior to the filing of the statement. 37 CFR 1.97(e)(2).

08/10/2005 AADDF01 00000001 010493 10721719  
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The person making this statement is the attorney/agent who signs below on the basis of the information:

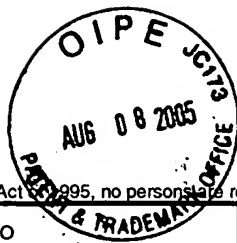
- ☐ supplied by the inventor(s).
- ☐ supplied by an individual designated in § 1.56(c).
- ☒ in the attorney's file.

Respectfully submitted,



Rosaleen P. Morris-Oskanian  
Attorney for Applicant(s)  
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PTO/SB/08A (08-03)

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<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/721,719
				Filing Date	November 25, 2003
				First Named Inventor	Dingjun Wu, et al.
				Art Unit	3749
				Examiner Name	Kenneth Rinehart
Sheet	1	of	1	Attorney Docket Number	06469 USA

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,914,050	06-22-1999	Comita, et al.	
		US- 2001/008138	07-19-2001	Demos Alex, et al.	
		US- 5,817,578	10-06-1998	Ogawa, et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		EP 0 855 453	07-29-1998	Applied Materials, Inc.		✓
		EP 1 382 716	01-21-2004	Air Products and Chemicals, Inc.		✓
		EP 0 871 211	10-14-1998	Hitachi, Ltd.		✓
		JP 02 185977	10-04-1990	Sanyo Electric Co. Ltd.	(Abstract)	✓

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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